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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/822,431
				Filing Date	April 12, 2004
				First Named Inventor	Guillermo Roa
				Art Unit	2445
				Examiner Name	Thomas Duong
Sheet	1		4	Attorney Docket Number	112056-0164

U.S. PATENT DOCUMENTS						
Examiner Initials'	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
	1	5,513,314	A	04-1996	Kandasamy et al.	
	2	5,754,829	A	05-1998	Motohiro et al.	
	3	5,819,292	A	10-1998	Hitz et al.	
	4	5,963,962	A	10/1999	Hitz et al.	
	5	6,038,570	A	03-2000	Hitz et al.	
	6	6,230,200	B1	05-2001	Forecast et al.	
	7	6,647,422		11-2003	Wesinger et al.	
	8	6,802,062	B1	10-2004	Oyamada et al.	
	9	6,813,766	B2	11-2004	Hay	
	10	6,854,114	B1	02-2005	Sexton et al.	
	11	6,865,601	B1	03-2005	Cherkasova et al.	
	12	6,944,699	B1	09-2005	Bugnion et al.	
	13	5,432,907	A	07-1995	Picazo, Jr. et al.	
	14	5,835,720	A	11-1998	Nelson et al.	
	15	6,167,446	A	12-2000	Lister et al.	
	16	6,944,785		09-2005	Gadir et al.	
	17	6,058,423		05-2000	Factor, Michael Edward	
	18	6,351,775		02-2002	Yu, Philip Shi-Lung	
	19	5,163,131		11-1992	Row et al.	
	20	5,355,453		10-1994	Row et al.	
	21	5,485,579		01-1996	Hitz et al.	
	22	5,802,366		09-1998	Row et al.	
	23	5,931,918		08-1999	Row et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> –Number <sup>4</sup> –Kind Code <sup>5</sup> (if known)				
	24	EP 1 326 408 A2	07-2003	Muhlestein et al.		

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				Group Art Unit	2445
				Examiner Name	Thomas Duong
Sheet	3	of	4	Attorney Docket Number	112056-0164

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	35	"Design of a Virtual Server for Service Interworking over Heterogeneous Networks", Nam et al., Electron & Telecommun. Res. Inst., Teajon, South Korea, Aug. 20-22, 1997, pp 406-409	
	36	ECKSTEIN, R. et al. "Using Samba", Nov. 1999, O'Reilly & Associates	
	37	GLAUDE, DAVID. "Virtual Server with Separate/Multiple Default Gateway/Routing", Mailing List LARTC Online, Nov. 9, 2001, pp. 1-3, XP-002256475	
	38	IEEE_SA Standards Board, "Virtual Bridged Local Area Networks", IEEE Std 802.1Q-1998, Mar. 8, 1999, pp.1-199	
	39	REKHTER, Y., Network Working Group, Request for Comments 1918, entitled "Address Allocation for Private Internets," Feb. 1996, pp. 1-9	
	40	European Search Report for European Patent Application No. EP 02 25 8871.9, Filed Dec. 23, 2002, all pages	
	41	z/Vm General Information: Version 3 Release 1.0, Second Edition, Jan. 2001, International Business Machines Corporation	
	42	Celerra File Server Architecture for High Availability, Aug. 1999, EMC Corporation, NY	
	43	EMC Celerra File Server: Product Description Guide, June 2000, EMC Corporation, NY	
	44	ALLISON, JEREMY, "Doing the NIS/NT Samba", LinuxWorld.com, Oct. 1, 1998, pp 1-9	
	45	European Search Report, Application No. EP 02 25 8949, Reference No. EPP87333, Mar. 9, 2007	
	46	DOUGAL, RICHARD MC et al., "Resource Management", 1999, Prentice Hall, USA, ISBN: 0-13-025855-5, pp. iii-xxvii, Chapter 1, Chapter 2, Chapter 6, Chapter 7, Chapter 11, back cover	
	47	Common Internet File System (CIFS) Version: CIFS-Spec 0.9, Storage Networking Industry Association (SNIA), Draft SNIA CIFS Documentation Work Group Work-in-Progress, Revision Date: 3/26/2001	
	48	Fielding et al. (1999) Request for Comments (RFC) 2616, HTTP/1.1	

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	49	KAMP, PAUL-HENNING et al. "Jails: Confining the Omnipotent Root", 2 <sup>nd</sup> International SANE Conference, Maastrich, The Netherlands, May 22-25, 2000.	
	50	Jail(2) MAN Page from the FreeBSD 4.0 Operating System, April 28, 1999, available at <a href="http://www.freebsd.org/cgi/man.cgi">http://www.freebsd.org/cgi/man.cgi</a>	
	51	Jail(8) MAN Page from the FreeBSD 4.0 Operating System, April 28, 1999, available at <a href="http://www.freebsd.org/cgi/man.cgi">http://www.freebsd.org/cgi/man.cgi</a>	
	52	Jail(8) MAN Page from the FreeBSD 4.1 Operating System, April 12, 2001, available at <a href="http://www.freebsd.org/cgi/man.cgi">http://www.freebsd.org/cgi/man.cgi</a>	
	53	Chroot(2) MAN Page from the FreeBSD 4.0 Operating System, April 12, 2001, available at <a href="http://www.freebsd.org/cgi/man.cgi">http://www.freebsd.org/cgi/man.cgi</a> . Indicated from earlier BSD 4.2 distribution.	
	54	Chroot(8) MAN Page from the FreeBSD 4.0 Operating System, April 12, 2001, available at <a href="http://www.freebsd.org/cgi/man.cgi">http://www.freebsd.org/cgi/man.cgi</a> . Indicated from earlier BSD 4.2 distribution.	
	55	BRESSARD, THOMAS. "TFT: A Software System for Application-Transparent Fault Tolerance," Symposium on Fault-tolerant Computing, Munich, Germany, June 23-25, 1998, pp. 128-137.	
	56	GRIBBLE, STEVEN D. et al, "Denali: Lightweight Virtual Machines for Distributed and Networked Systems," August 7, 2001, HP Labs, Sprint Labs Available at <a href="http://denali.cs.washington.edu/pubs/index.html">http://denali.cs.washington.edu/pubs/index.html</a>	
	57	ROSENBLUM, MENDEL et al., "Using the SimOS Machine Simulator to Study Complex Computers Systems," ACM Trans on Modeling and Computer Simulation, Vol. 7, No. 1, Jan 1997.	
	58	SEAWRIGHT, L.H. et al, "VM/370- A Study of Multiplicity and Usefulness," IBM Systems Journal, Vol. 18, No. 1, 1979.	
	59	CREAZY, R.J., "The Origin of the VM/370 Time-Sharing System," IBM Journal of Research and Development, Vol. 2, No. 5, Sept. 1981.	
	60	HITZ, DAVID et al. TR3002 File System Design for a NFS File Server Appliance published by Network Appliance, Inc., 1994.	
	61	SATRAN ET AL., <i>Internet Draft: iSCSI</i> , August 5, 2002.	

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